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Substitute for form 1449A/PTO			Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (fura se manva chashte se narocessaru)			Application Number	10/618,757
			Filing Date	7/15/2003
			First Named Inventor	KUWAHARA et al
			Art Unit	<del>2524</del> 2685
			Examiner Name	CHARLES CHOW
Sheet	1	of	Attorney Docket Number	520.37431CX1

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
C.C.		WO97/27643	31-07-97	PCT/EP96/05649	—	
C.C.		10-285092	23-10-98	Japan	—	A

Examiner Signature		Date Considered	10/21/05
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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.37431CX1  
Serial No. (not yet assigned)  
Applicant: M. KUWAHARA, et al  
Filing Date: July 15, 2003  
Group: 2685

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
c.e.	6,049,307	4/00	Lim	_____	_____
c.e.	6,108,565	8/00	Scherzer	_____	_____
c.e.	6,118,987	9/00	Hiramatsu et al	_____	_____

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

c.e. T. Matsumoto et al, "A Technical Survey and Future Prospects of Adaptive Array Antennas in Mobile Communications", NTT DoCoMo Technical Journal, Vol. 5, No. 4, pp. 25-36 (June 1998)

Examiner

*Charles J. Smith*

Date Considered

*10/21/05*

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